NORTH CAROLINA
ENVIRONMENTAL MANAGEMENT COMMISSION
DEPARTMENT OF ENVIRONMENT, HEALTH, & NATURAL RESOURCES

APPLICATION FOR PERMIT TO CONSTRUCT A MONITORING WELL SYSTEM

RECEIVED NOV

Date: November 19, 1992 County Guilford

In accordance with the provisions of Article 7, Chapter 87, General Statutes of North Carolina and regulations pursuant thereto, application is hereby made for a permit to monitoring wells.

1. Name of Applicant: Mr. and Mrs. Harold E. Hall (Telephone: (919)454-2878)

   Applicant's Mailing Address: P O Box 396, Jamestown, NC 27292

2. Name of Property Owner (if different from applicant) Mr. and Mrs. Harold E. Hall

   Owner's Mailing Address: P O Box 396, Jamestown, NC 27292

3. Contact Person: Mr. and Mrs. Harold E. Hall (Telephone: (919)454-2878)

4. Location of Property: 108 West Main Street, Jamestown, NC

5. Reason for Monitoring Well(s): Environmental Assessment
   (ex: nondischarge permit requirements, suspected contamination, environmental assessment, etc.)

6. Type of facility or site for which the monitoring well(s) is needed: Former service station
   (ex: nondischarge facility, waste disposal site, landfill, underground storage tank, etc.)

7. Type of contamination being monitored (if applicable): Petroleum
   (ex: nutrients, organics, heavy metals, etc.)

8. Are any existing recovery wells associated with the monitoring well(s)? No If yes, how many? _____

   Recovery Well Construction Permit No. _____

9. Distance to a known waste or pollution source: 0 feet

10. Are any water supply wells located less than 500 feet from the proposed monitoring wells? ~~Unknown~~ No

    If yes, give distance: _____ feet

11. Well Driller: South East Geotech

12. Registration #: 1373

13. Driller's Address: Huntersville, NC

PROPOSED MONITORING WELL CONSTRUCTION INFORMATION

1. Total Number of Wells to be constructed: 3 ; (A) Number to be completed in bedrock? 0 (?)

   (B) Number to be completed in unconsolidated material? 3 (?)

2. Estimated depth of well(s): 20 feet

3. Gravel or sand pack interval (if appropriate)
   From 20 feet To 10 feet

4. Type of casing used: PVC
   (ex: PVC, stainless steel, galvanized steel, etc.)

5. Diameter of casing: 2 inches

FOR OFFICE USE ONLY

___ PERMITTED ACTIVITY
___ U.S.T. LEAK DETECTION
___ GROUNDWATER QUALITY STANDARDS VIOLATIONS SUSPECTED FROM UNPERMITTED ACTIVITIES
___ NOTICE OF NON-COMPLIANCE AT UNPERMITTED FACILITIES

PERMIT NO. _____ ISSUED _____ 19 ____

INCIDENT # _____

(Continued on reverse)

6. Thickness of casing: Schedule 40 ~~inches~~

7. How will the well(s) be secured? Bolt down steel well vaults and locking PVC well caps

8. Estimated beginning construction date: December 1, 1992

9. Estimated completion date: December 1, 1992

ADDITIONAL INFORMATION

1. ATTACH A SITE MAP SHOWING THE LOCATIONS OF THE FOLLOWING:

   1 - PROPOSED MONITORING WELL(S)

   2 - ALL EXISTING MONITORING AND RECOVERY WELLS OR TEST BORINGS WITH THE PROPERTY BOUNDARY

   3 - ALL WATER SUPPLY WELLS WITHIN 500 FEET OF THE WASTE SOURCES

   4 - AT LEAST TWO REFERENCE POINTS (NUMBERED ROADS, INTERSECTIONS, STREAMS, ETC.)

2. PROVIDE A WELL CONSTRUCTION DIAGRAM OF EACH WELL SHOWING DIAMETER, ESTIMATED DEPTH, SCREEN INTERVALS, SAND/GRAVEL PACKS, TYPE OF CASING MATERIAL, CASING WALL THICKNESS, WELL HEAD COMPLETION DETAILS, ETC.)

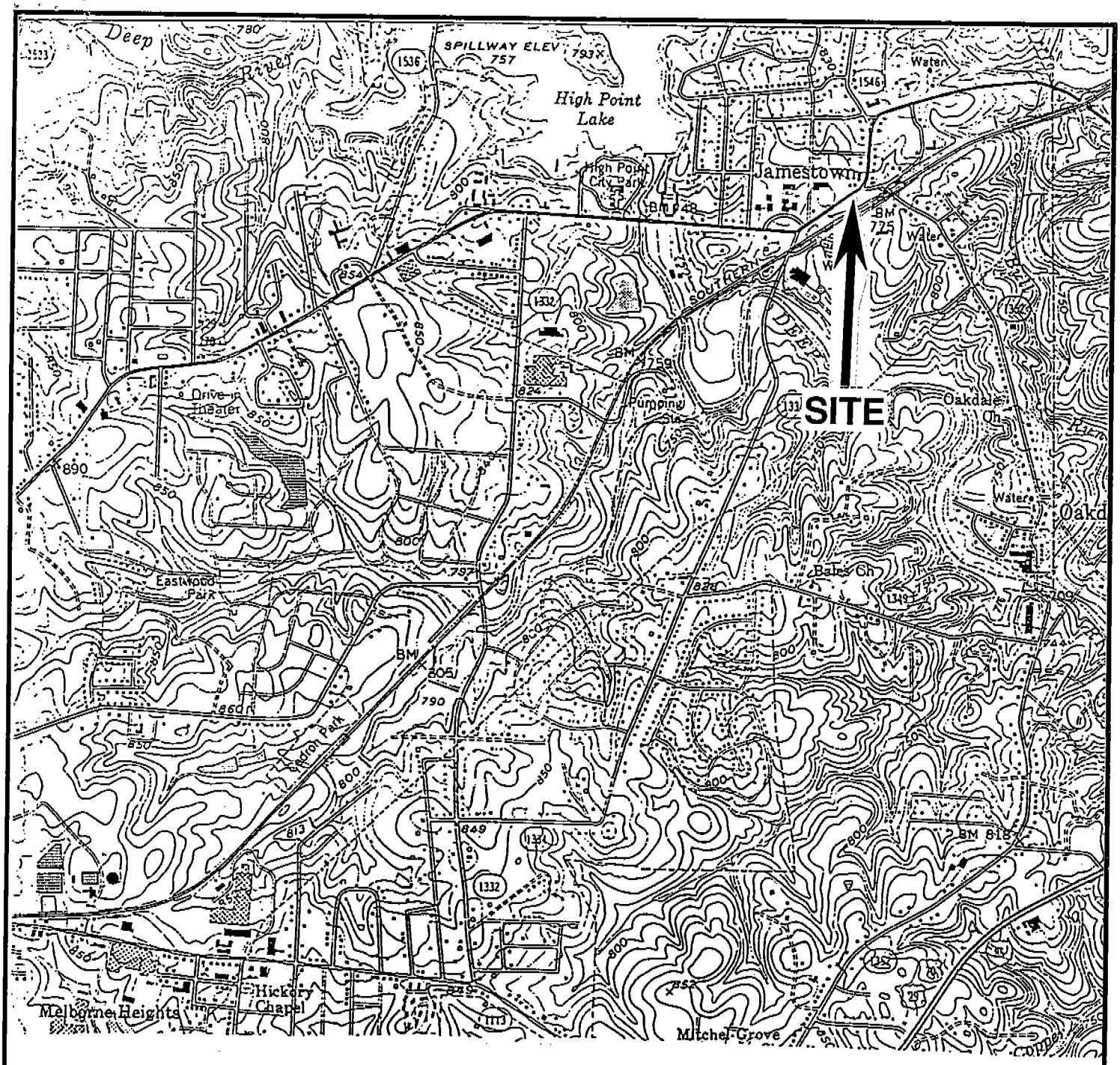
The Applicant hereby agrees the proposed well(s) will be constructed in accordance with approved specifications and conditions of the Well Construction Permit as regulated under the Well Construction Standards (Title 15A North Carolina Administrative Code, Subchapter 2C) and accepts full responsibility for compliance with these rules.

Harold E. Hall
Signature of Applicant or Agent

Owner
Title (if applicable)

If the property is owned by someone other than the applicant, the property owner hereby consents to allow the applicant to construct monitoring wells as outlined in this application and that it shall be the responsibility of the applicant to ensure that these monitoring wells conform to the Well Construction Standards (Title 15A North Carolina Administrative Code, Subchapter 2C).

Signature of Property Owner (if different from applicant)



0 2000

FEET

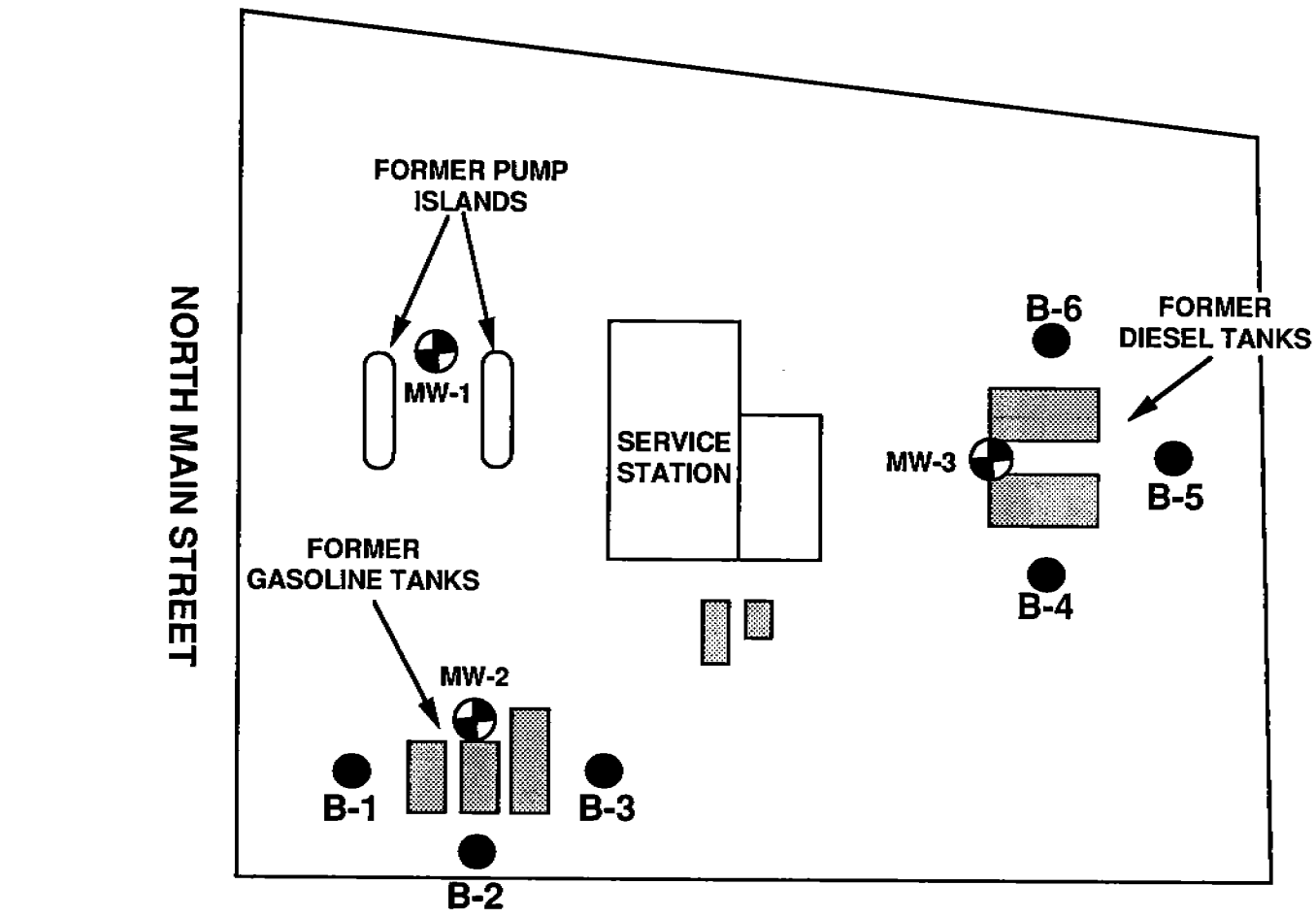
NORTH

ENGINEERING AND ENVIRONMENTAL SERVICES

PO BOX 3009 HICKORY, NC 28603 (704)3282991

HAROLD HALL PROPERTY
JAMESTOWN, NORTH CAROLINA

DATE	SCALE	SITE LOCATION MAP
11/24/92	1"=2000'	
REV 0	APPROVAL RTB	REF.: U.S.G.S.- 7.5 MINUTE TOPOGRAPHIC MAP



APPROX. NORTH

0 50
FEET

– PROPOSED MONITORING WELL LOCATION

– PROPOSED BORING LOCATION

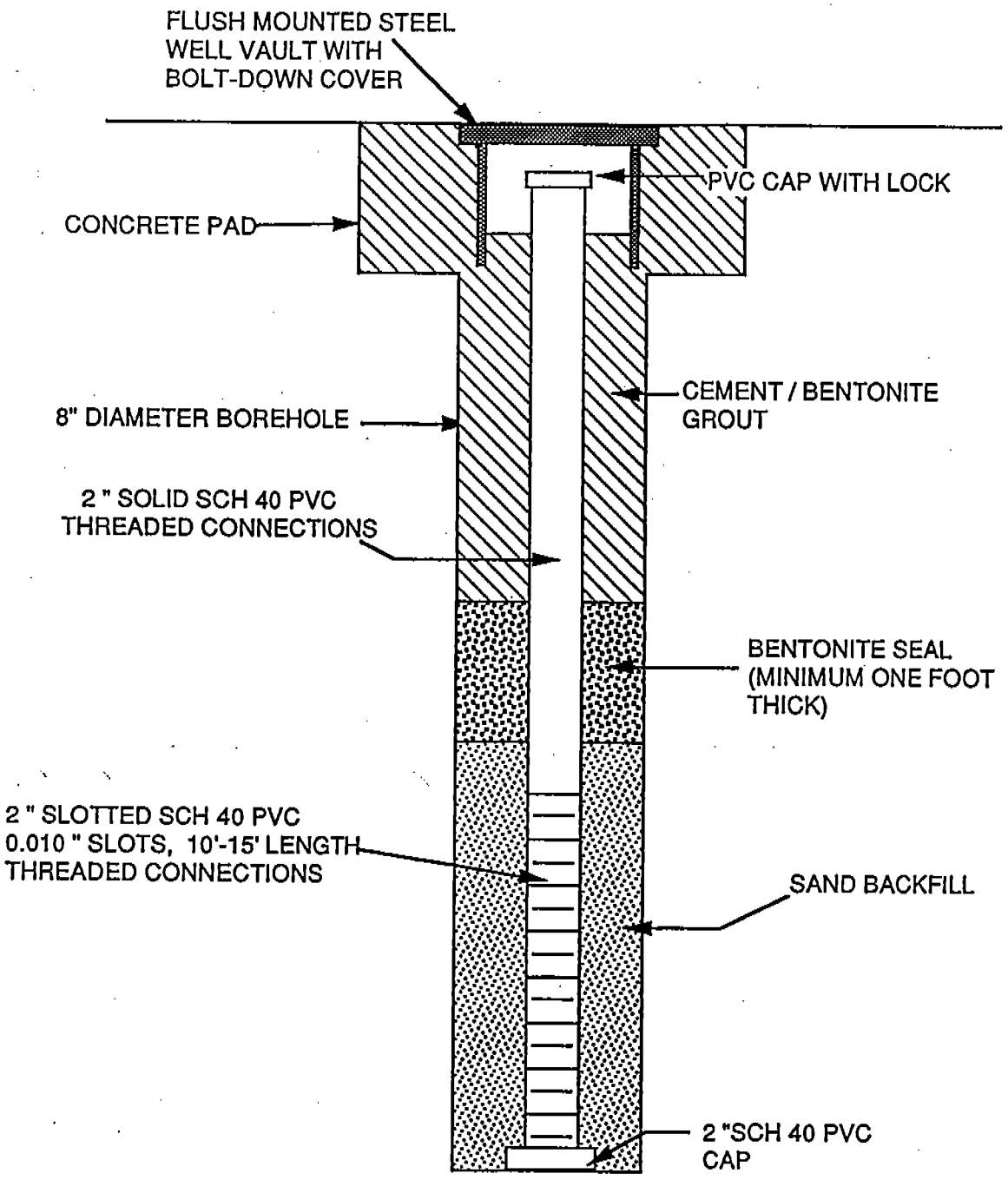
ENGINEERING AND ENVIRONMENTAL SERVICES

PO BOX 3009 HICKORY, NC 28603 (704)3282991

HAROLD HALL PROPERTY
JAMESTOWN, NORTH CAROLINA

DATE	SCALE	APPROVAL	
11/12/92	1"=50'	RTB	**SITE PLAN**
REV 0	DRAWING NO. 92-095-0002		

GROUNDWATER MONITORING WELL



ENGINEERING AND ENVIRONMENTAL SERVICES

PO BOX 3009 HICKORY, NC 28603 (704)3282991

HALL PROPERTY
JAMESTOWN, NORTH CAROLINA

MONITORING WELL DIAGRAM